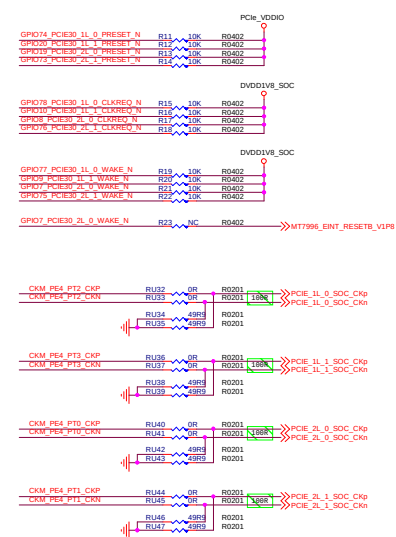
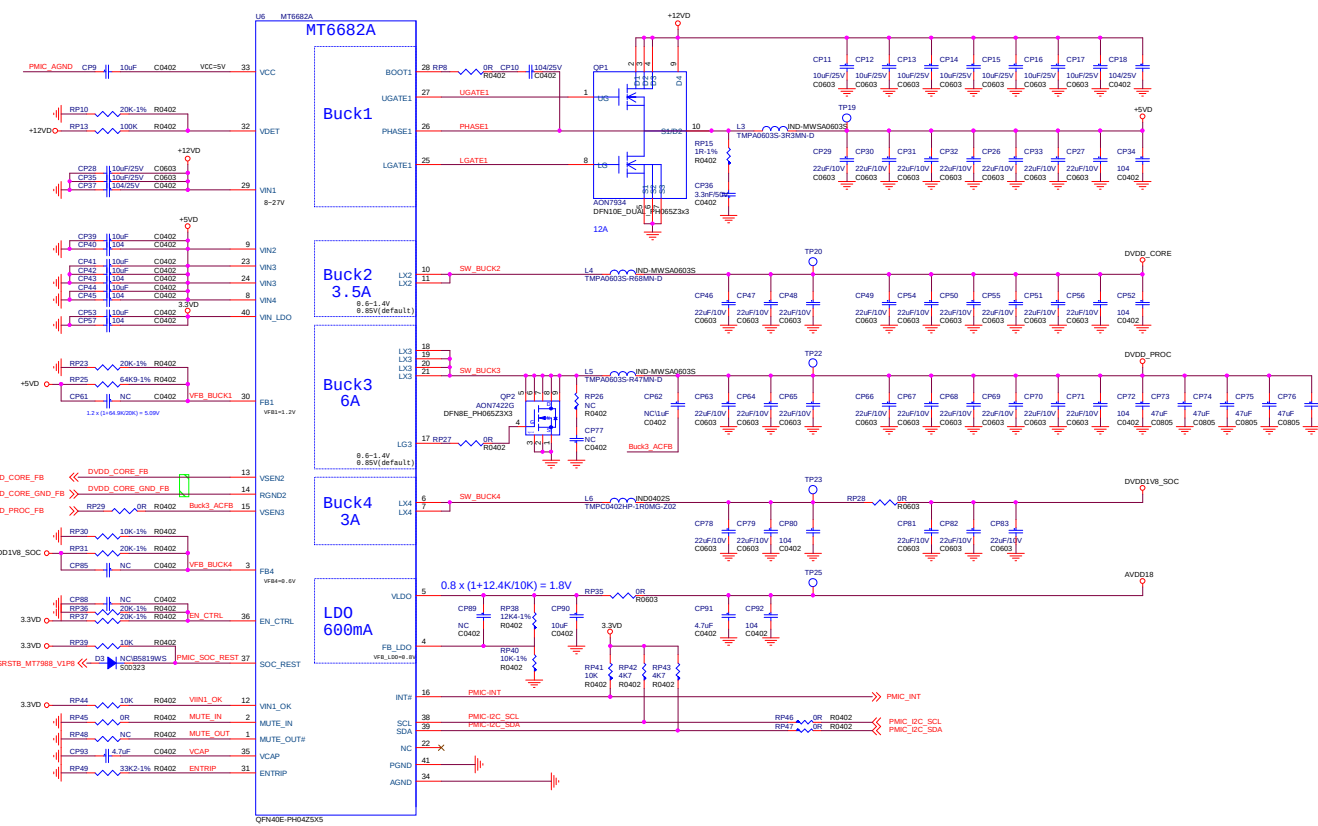
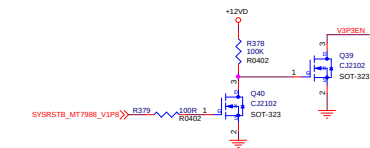
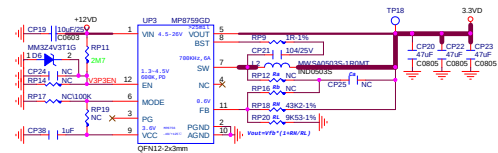


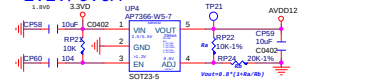




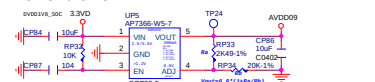
3.3V/8A



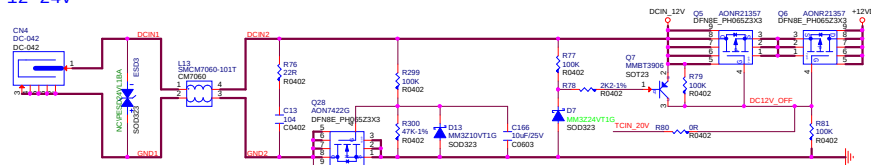
1.2V/0.6A



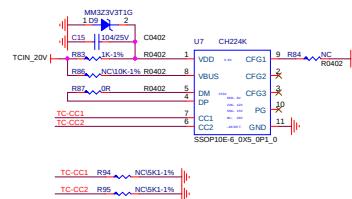
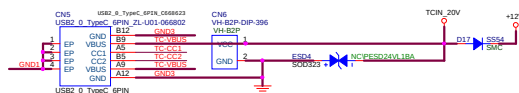
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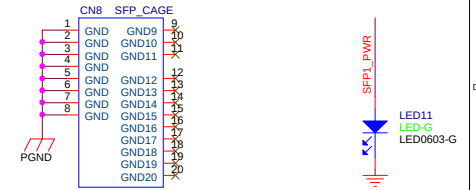
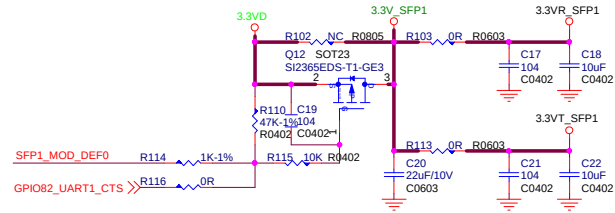
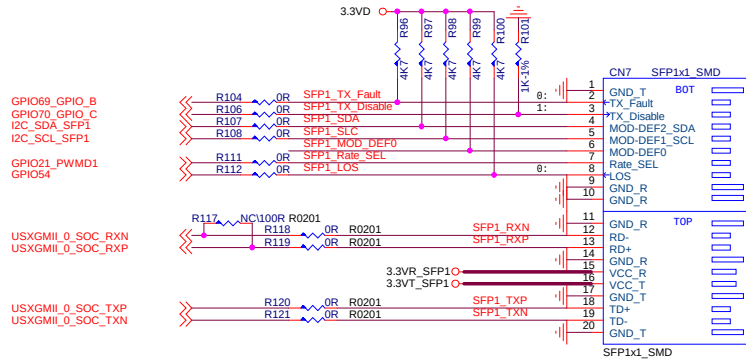
DCIN: 12~24V



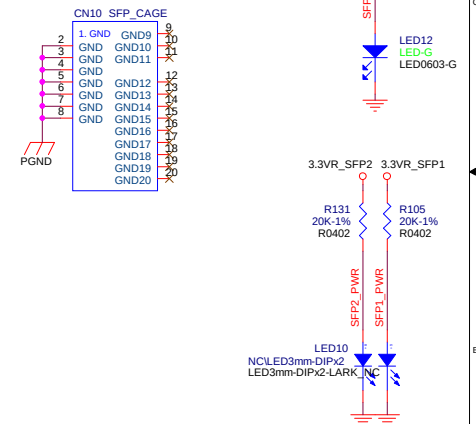
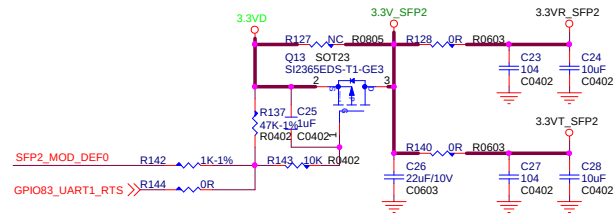
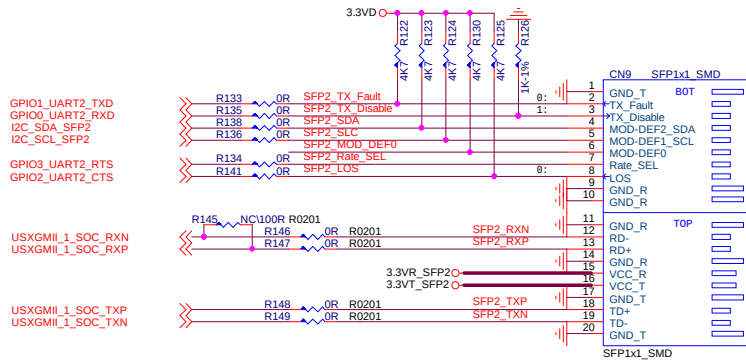
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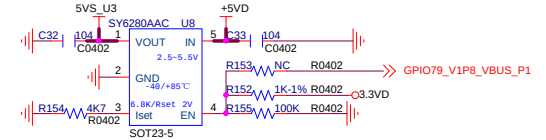
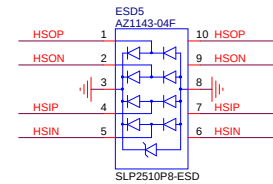
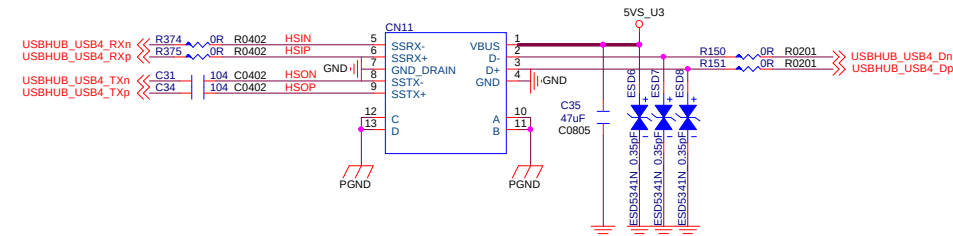
WAN, SFP 10G, AQR113C



LAN, SFP 10G, AQR113C, Colay 2.5G PHY

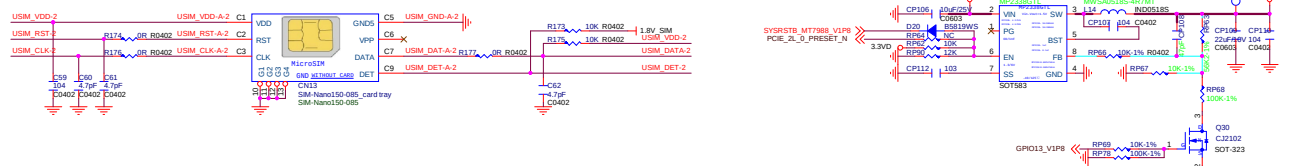
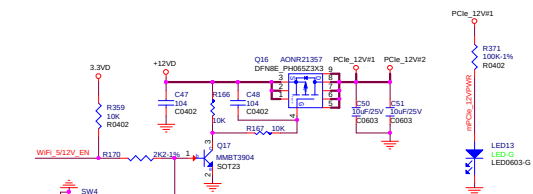


USB 3.2

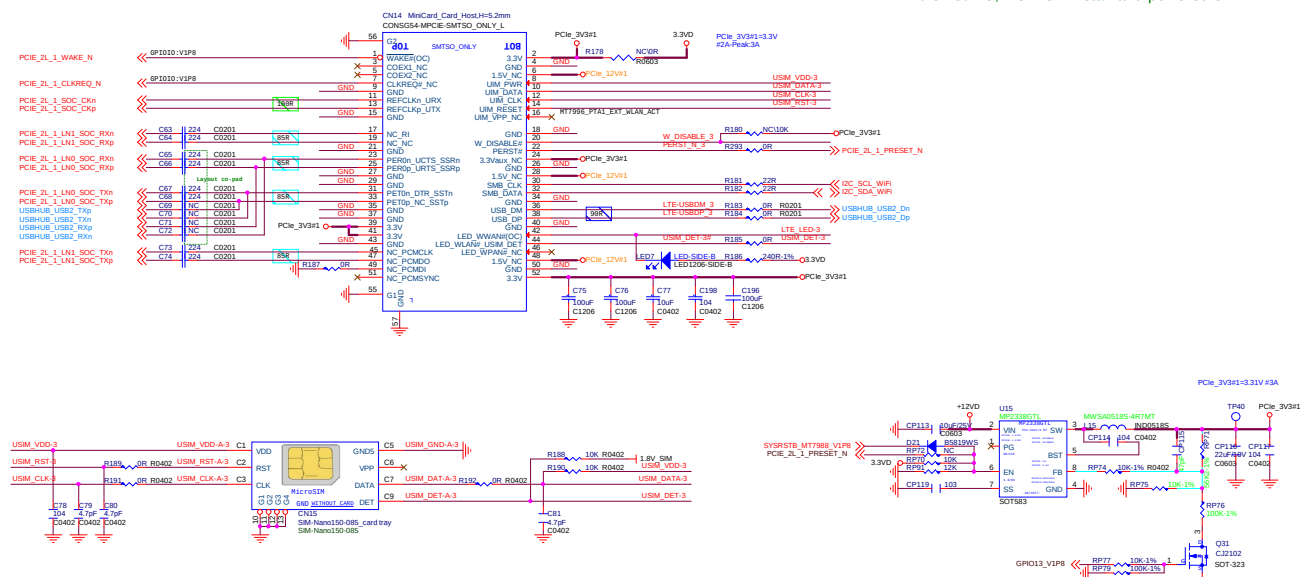


		GUANGDONG BIPAI KEJI CPA.LTD	
		Design Name	BPI-R4_MT7988+DDR4x16bX2
Size	A3	Page Name	CM07_USXGMII_SFP/USB3.2_CONN
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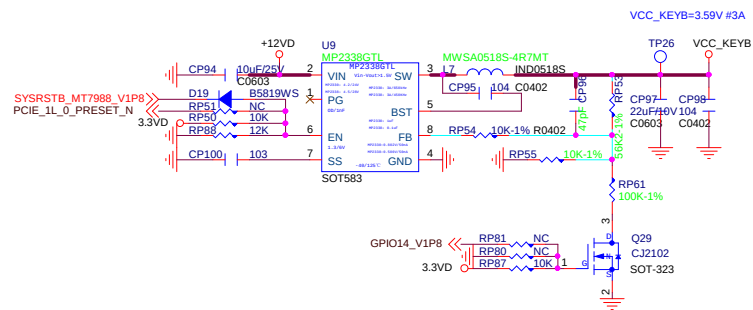
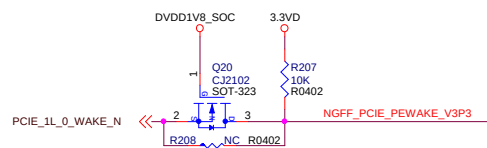
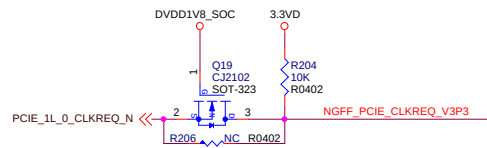
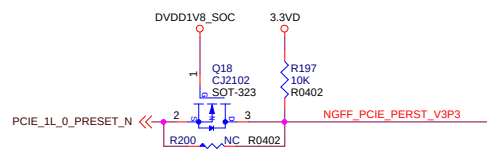
Confirm the PIN6, PIN28, PIN48 of the 4G/5G module,
If it is not NC, DO NOT install and powered on! ! !



Confirm the PIN6, PIN28, PIN48 of the 4G/5G module,
If it is not NC, DO NOT install and powered on! ! !



DVDD1V8_SOC
3.3VD
+12VD



SIM1

USBHUB_USB1_Dp

USBHUB_USB1_Dn

USBHUB_USB1_RXn

USBHUB_USB1_RXp

USBHUB_USB1_Txn

USBHUB_USB1_Txp

PCIE_1L_0_LN0_SOC_RXn

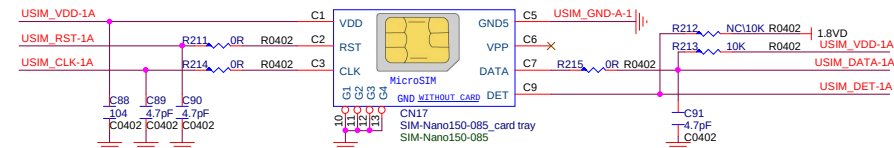
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PCIE_1L_0_LN0_SOC_TXn

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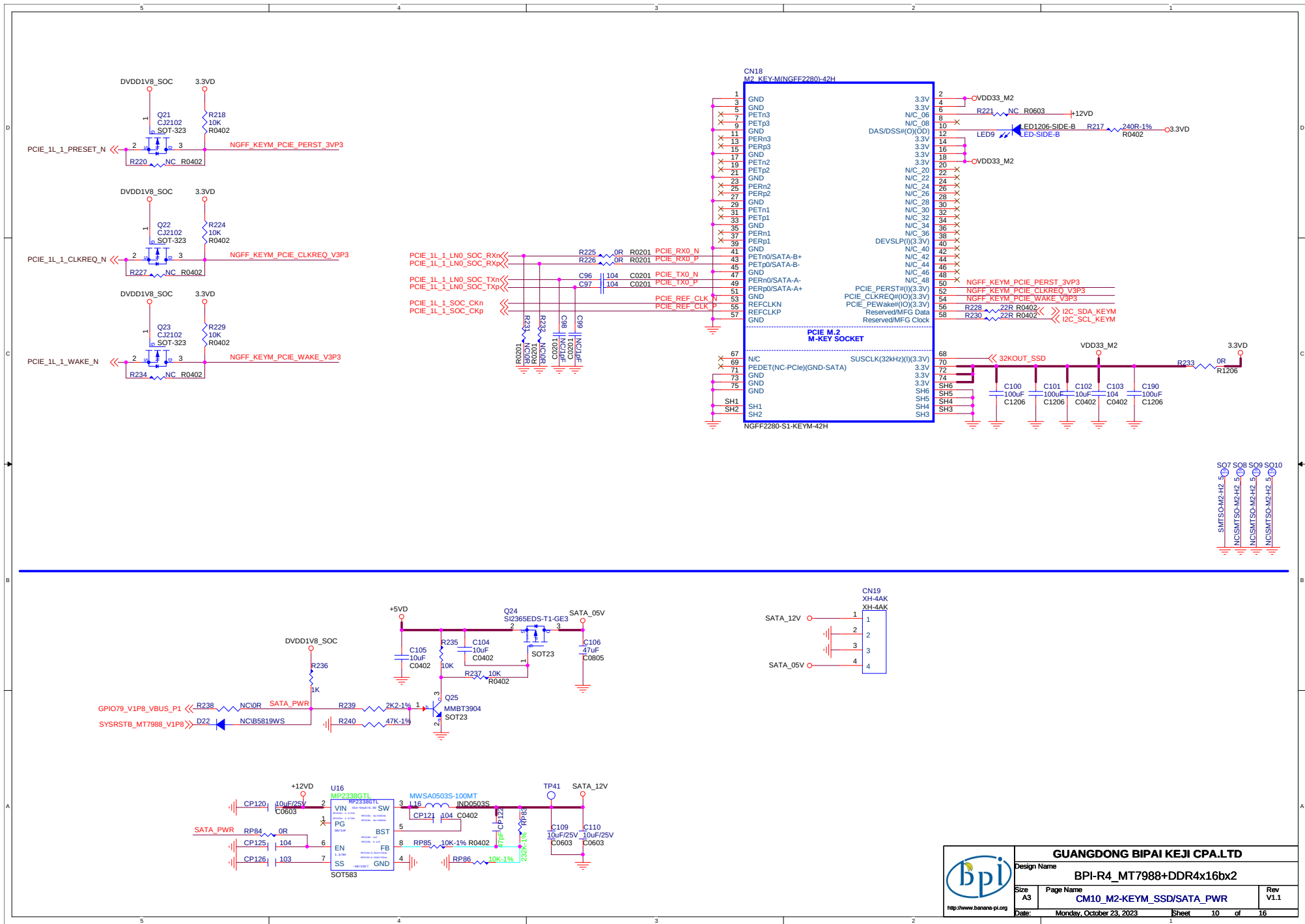
PCIE_1L_0_SOC_Ckn

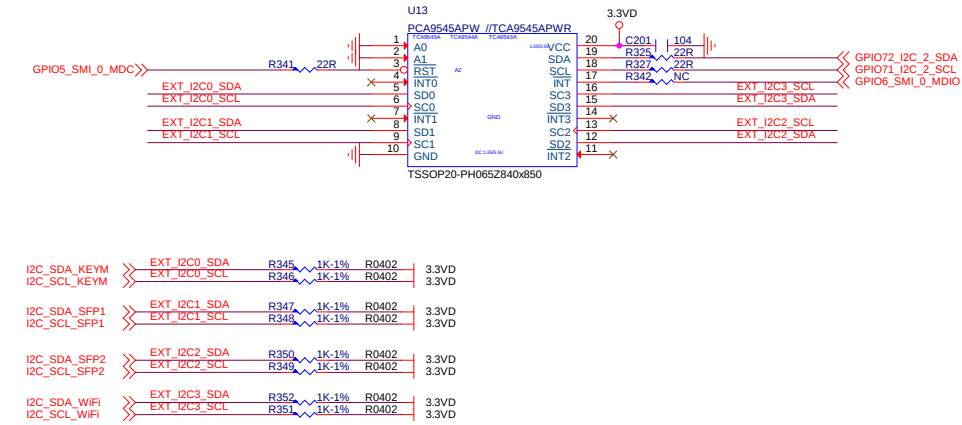
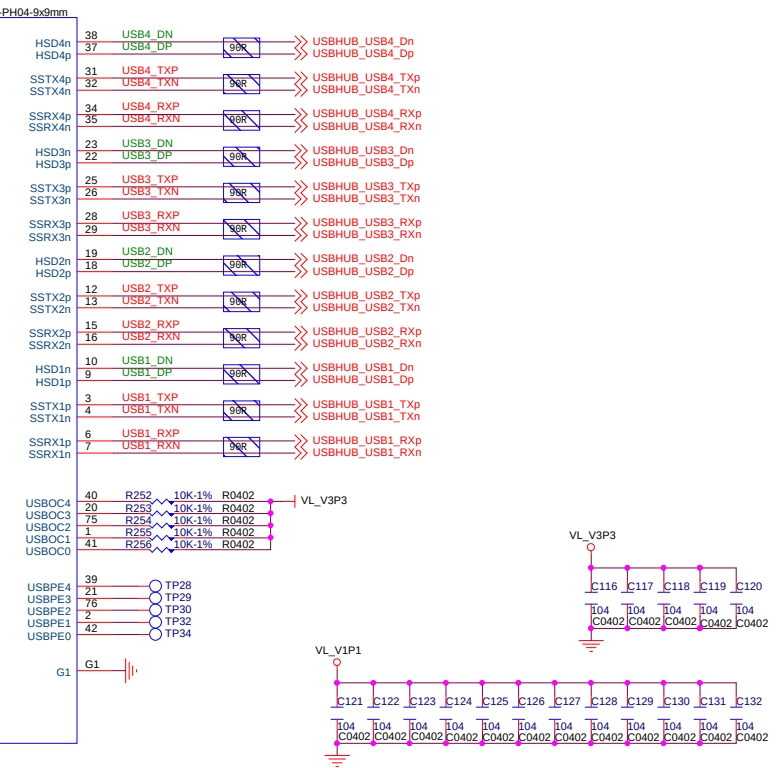
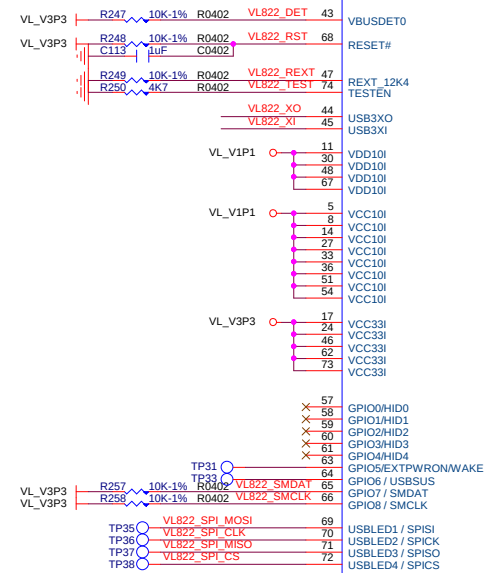
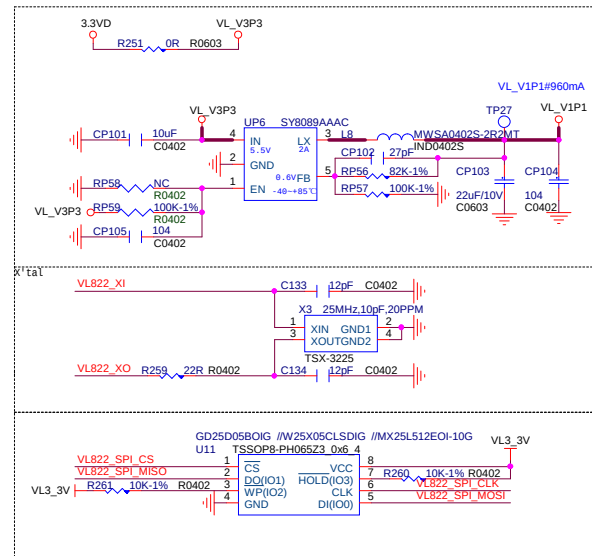
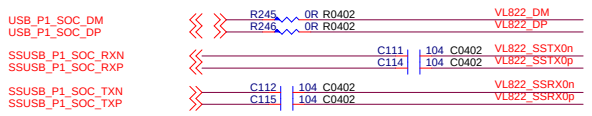
PCIE_1L_0_SOC_Ckp



S05
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BPI-R4_MT7988+DDR4x16bx2			
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CM09_NGFF_KEYB_5G			
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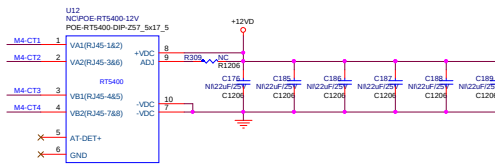
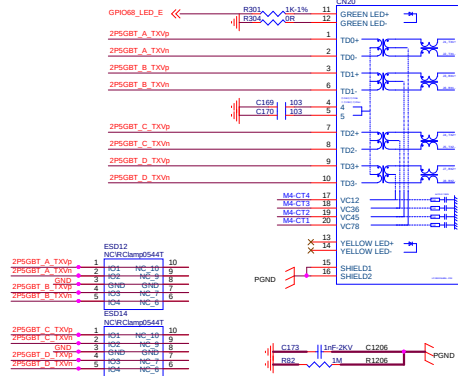
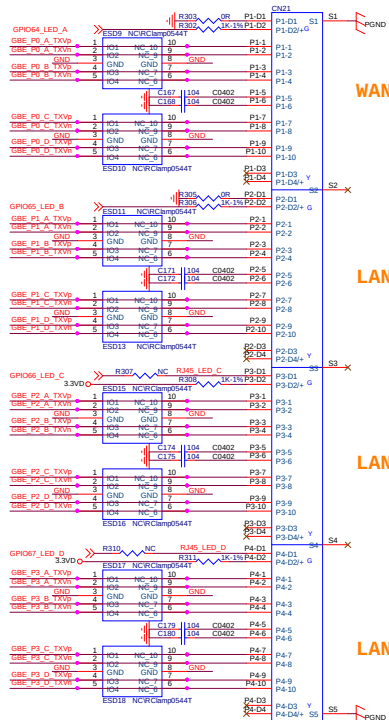




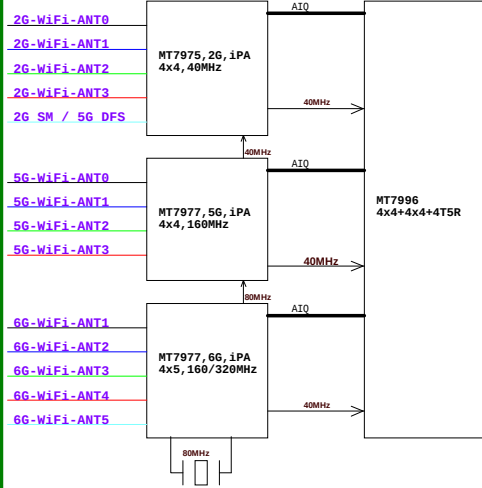
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GBE_P0_B_TXVP << 100n GBE_P0_B_TXVP
GBE_P0_C_TXVP << 100n GBE_P0_C_TXVP
GBE_P0_D_TXVP << 100n GBE_P0_D_TXVP
GBE_P0_E_TXVP << 100n GBE_P0_E_TXVP
GBE_P1_A_TXVP << 100n GBE_P1_A_TXVP
GBE_P1_B_TXVP << 100n GBE_P1_B_TXVP
GBE_P1_C_TXVP << 100n GBE_P1_C_TXVP
GBE_P1_D_TXVP << 100n GBE_P1_D_TXVP
GBE_P1_E_TXVP << 100n GBE_P1_E_TXVP
GBE_P2_A_TXVP << 100n GBE_P2_A_TXVP
GBE_P2_B_TXVP << 100n GBE_P2_B_TXVP
GBE_P2_C_TXVP << 100n GBE_P2_C_TXVP
GBE_P2_D_TXVP << 100n GBE_P2_D_TXVP
GBE_P2_E_TXVP << 100n GBE_P2_E_TXVP
GBE_P3_A_TXVP << 100n GBE_P3_A_TXVP
GBE_P3_B_TXVP << 100n GBE_P3_B_TXVP
GBE_P3_C_TXVP << 100n GBE_P3_C_TXVP
GBE_P3_D_TXVP << 100n GBE_P3_D_TXVP
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GBE_P4_B_TXVP << 100n GBE_P4_B_TXVP
GBE_P4_C_TXVP << 100n GBE_P4_C_TXVP
GBE_P4_D_TXVP << 100n GBE_P4_D_TXVP
GBE_P4_E_TXVP << 100n GBE_P4_E_TXVP

ZPSGBT_A_TXVP << 100n ZPSGBT_A_TXVP
ZPSGBT_B_TXVP << 100n ZPSGBT_B_TXVP
ZPSGBT_C_TXVP << 100n ZPSGBT_C_TXVP
ZPSGBT_D_TXVP << 100n ZPSGBT_D_TXVP
ZPSGBT_E_TXVP << 100n ZPSGBT_E_TXVP

Internal 2.5GPHY



BPI-R4 Wi-Fi7 NIC iPA



BPI-R4 MAIN BOARD

